

## Watershed Operations

April 2009

## Reinvesting in Upper Brushy Creek Watershed Dam No. 29, Texas

### Introduction

This watershed repair project will ensure that \$61,100 of annual benefits from flood damage reduction and flood protection will continue in a growing urban area near Georgetown, Texas.



Upper Brushy Creek Watershed Dam No. 29 in Williamson County, Texas.

Funded through the American Recovery and Reinvestment Act (ARRA) of 2009, this project is part of the Obama Administration's plans to modernize the nation's infrastructure, jump-start the economy, and create jobs. NRCS is using Recovery Act dollars to update aging flood control structures, protect and maintain water supplies, improve water quality, reduce soil erosion, enhance fish and wildlife habitat, and restore wetlands. NRCS acquires easements and restores floodplains to safeguard lives and property in areas along streams and rivers that have experienced flooding.

### Project Description

- **Location:** Williamson County, 10th, 21st, and 31st Congressional Districts
- **Federal Funding:** \$930,000

This project will repair slope slides on the flood control dam. These slides have occurred as a result of periods of heavy rainfall following extended drought. Soils will be removed, treated with lime, and replaced to stabilize the slopes. This repair will ensure the dam is safe, providing benefits for years to come.

### Partners

- USDA, Natural Resources Conservation Service
- Brushy Creek Water Control and Improvement District #1B
- Taylor Soil and Water Conservation District
- Upper Brushy Creek Water Control and Improvement District

### Benefits

Eleven farms and 10 bridges downstream will benefit from continued reduction in flood damages and sedimentation. Two miles of streams will be enhanced while sedimentation will be significantly reduced and 34 acres of open water will be maintained.



Soils have slid down the dam as a result of periods of heavy rainfall following extended drought.

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### Economic Opportunities

The repair of Upper Brushy Creek Dam No. 29 will create or save jobs through industries supplying or supporting construction activities and the sale of goods and services. In addition to the jobs created, this program will increase the demand for construction supplies and equipment, adding approximately \$752,000 to the local economy.

### Statewide Perspective

Upper Brushy Creek Dam No. 29 is one of nearly 2,000 dams constructed in Texas by NRCS and local sponsors. These dams continue to provide nearly \$120 million of annual benefits protecting downstream properties, infrastructure, and countless lives across the entire state.

### For More Information

USDA, NRCS  
101 South Main  
Temple, Texas 76501  
Phone: 254-742-9800  
Fax: 254-742-9819  
[www.tx.nrcs.usda.gov](http://www.tx.nrcs.usda.gov)



This slope slide on the Upper Brushy Creek Dam No. 29 will be repaired by removing the soil, treating with lime, and replacing to stabilize the slopes.

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